

many interesting observations on their habits, and critical remarks on the labours of other authors in the same field of research. The latter department is one in which naturalists, writing like Mr. Jerdon at a great distance from home, always experience much difficulty, from the want of access to scientific libraries and museums. Nevertheless Mr. Jerdon has turned to good account such works on Indian zoology as lay within his reach, and his identifications of species are in general correct. We will proceed to notice briefly the contents of the number before us.

Plate 1, *Nisaetus grandis*, Hodgson, a species which is now considered to be synonymous with the *Aquila Bonelli* of Europe. 2. *Leucocerca albofrontata*, which, like the other species of Mr. Swainson's genus *Leucocerca*, it seems impossible to separate by well-marked generic characters from *Rhipidura*. 3. *Zanclotomus viridirostris*, Jerdon, a species which seems to be in fact a *Phaenicophaus*, though the compressed beak and diminution of the bare space round the orbits indicate an approach to the nearly-allied genus *Zanclotomus*. 4. *Accipiter besra*, Jerdon; this appears to be the young state of the *A. virgatus*, Temm. 5. *Picus Hodgsoni*, a new and handsome species, distinguished from the *P. javensis*, Horsf., by its white rump, and referable to the genus *Hemilophus*. 6. *Prinia cursitans*, Frankl., a small bird closely allied to the *Drymæca cisticola* of Europe, and generically identical with it. 7. *Muscipeta paradisi*; the specimen here figured is interesting as showing a state of plumage intermediate between the chestnut-coloured bird called *M. indica* and the pure white plumage of the adult *M. paradisi*, and thus proving their specific identity. 8. *Turdus Wardi*, Jerdon, a rare and beautiful thrush, typical in form, but anomalous in coloration. 9. *Scolopax nemoricola*, Hodgson, a large species of snipe, presenting in many respects an approach to the woodcock. 10. *Pterocles quadricinctus*, the true *quadricinctus* of Temminck and *indicus* of Gmelin; but its earliest specific name is *fasciatus*, given by Scopoli. 11. *Phaenicornis flammeus*; this is certainly the true *Muscicapa flammea* of Temminck, and consequently inhabits Java and Sumatra as well as Ceylon and S. India; but it is not the *Oranor* of Levaillant, Ois. Af. 155, as Mr. Jerdon supposes, that bird being the *P. peregrinus*. 12. *Falco shaheen*, Jerdon, a handsome species long ago noticed by Brisson as a supposed variety of *F. peregrinus*, and first defined specifically by Sundvall under the name of *F. peregrinator*.

Such works as this of Mr. Jerdon are deserving of every encouragement, for they supply us at small cost with accurate delineations and original descriptions of new species, and thus furnish science with materials intrinsically as valuable as can be found in the most expensive publications.

*Salicium Britannicum exsiccatum*. Fasc. II. By the Rev. J. E. Leefe.

We have recently received this fasciculus of Mr. Leefe's very valuable collection of dried specimens of British Willows, and have much pleasure in stating that it is fully as deserving of approbation as that

which preceded it. The different forms contained in this fasciculus are the following :—

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|------------------------------------|------------------------------------|
| 50. <i>S. decipiens.</i>           | 72. <i>S. tenuior.</i>             |
| 51. } <i>S. fragilis.</i>          | 73. <i>S. laurina.</i>             |
| 52. } <i>S. fragilis.</i>          | 74. <i>S. Davalliana?</i>          |
| 53. } <i>S. fragilis.</i>          | 75. <i>S. propinqua.</i>           |
| 54. } <i>S. Russelliana.</i>       | 76. } <i>S. Weigelliana, E. B.</i> |
| 55. } <i>S. Russelliana.</i>       | 77. } <i>S. Weigelliana, E. B.</i> |
| 56. } <i>S. alba.</i>              | 78. } <i>S. Weigelliana, Forb.</i> |
| 57. } <i>S. alba.</i>              | 79. } <i>S. Weigelliana, Forb.</i> |
| 58. } <i>S. alba.</i>              | 80. } <i>S. Crowiana.</i>          |
| 59. } <i>S. alba.</i>              | 81. } <i>S. Crowiana.</i>          |
| 60. } <i>S. caprea.</i>            | 83. } <i>S. nitens.</i>            |
| 61. } <i>S. caprea.</i>            | 82. <i>S. nitens.</i>              |
| 64. } <i>S. caprea.</i>            | 84. ?                              |
| 65. } <i>S. caprea.</i>            | 85. <i>S. tetrapla.</i>            |
| 63. <i>S. caprea (androgyna).</i>  | 86. <i>S. fusca, repens.</i>       |
| 66. <i>S. caprea (sphacelata).</i> | 87. <i>S. f. prostrata.</i>        |
| 67. <i>S. hirta.</i>               | 88. <i>S. f. ascendens.</i>        |
| 68. } <i>S. rupestris.</i>         | 89. <i>S. f. argentea.</i>         |
| 69. } <i>S. rupestris.</i>         | 90. <i>S. arenaria.</i>            |
| 70. } <i>S. rupestris.</i>         |                                    |
| 71. } <i>S. rupestris.</i>         |                                    |

Many of these plants are identified with those of Koch by the inspection of authentic specimens, but we are sorry not to see more observations upon the rank as species or varieties which the several plants are entitled to claim. The valuable synoptical table given with the former fasciculus is not continued in that before us; for this however there is one consolation, namely, that the author states his intention of preparing a third fasciculus in which it will be contained.

We take the present opportunity of publishing some valuable notes upon Mr. Leefe's Fasc. I. with which we have been favoured by M. W. Sonder, the distinguished botanist of Hamburg.

*Salictum Britannicum*, Fasc. I.

1. *Salix pentandra, L.!*
2. *S. pentandra, L.!*
3. *S. amygdalina = S. amygdalina β, Koch!*
- 4—8. *S. amygdalina, Koch!*
9. *S. undulata, Ehrh.!*
- 10—13. *S. purpurea, L., et var.*
14. *S. Lambertiana = S. purpurea, var.*
- 15, 16. *S. rubra, Sm.—15 varietas.*
- 17—24. *Omnes S. viminalis, L.!* Amenta mascula *S. Smithiana* ab iis *S. viminalis* valde diversa sunt.
- 25, 26. *S. Smithiana = S. Smithiana, Koch, et S. lanceolata, Fries!*
- 27, 28. *S. Smithiana ? = S. Smithiana, Koch, et S. lanceolata, Fries.*
29. *S. Smithiana ? Ramulos juniores a S. Smithiana distinguere nequeo.*
30. *S. rugosa, Sm., est S. Smithiana, Koch, β. glabrata, Sonder, quæ in ripa Albis prope Hamburg non rara.*

- 31—33. *S. rugosa* est *S. Smithiana*, *Koch*.  
 34. *S. rugosa* ? var. *stipularis* = *S. holosericea*, *Willd.* Mihi gratis-  
 sima est; plantam fœmineam antea nondum vidi.  
 35. *S. ferruginea*, *And.*, folia—*S. holosericea*, *Willd.*, valde similis,  
 sed incompleta.  
 36. *S. ferruginea* var. = Quoad folia et amenta valde affinis *S.*  
*Smithianæ*, *Koch*, sed tamen distincta videtur. Ab icone in  
*Eng. Bot. Suppl.* t. 2665. præter squamas rotundatas non di-  
 stinguenda.  
 37. *S. acuminata* = An revera *S. acuminata*, *Sm.* ? quæ ad sectio-  
 nem *S. viminalis* pertinet ? Amenta desunt. An forsan varietas  
*S. cinereæ* ?  
 38—42. Omnes formæ et varietates *S. cinereæ*, *L.*  
 43. *Salix*—an *S. aquatica* ? Longe diversa, est sine dubio forma  
*S. laurinx*, *Sm.*, confer amenta. Eandem plantam ex hort. bot.  
 Berolinensi, et ex Silesia possideo.  
 44. *S. oleifolia*, *Sm.* ? = Pro var. *S. cinereæ*, *L.*, habeo, sed amenta  
 non vidi.  
 45. *S. aurita*, *L.* = Forma sylvatica apud nos frequens.  
 46, 47. *S. aurita*, *L.* !  
 48, 49. *S. reticulata* et *S. herbacea*.

W. SONDER.

Hamburg, March 19, 1844.

Mr. Van Voorst has just published a very useful "Catalogue of British Vertebrated Animals, the names derived from Bell's British Quadrupeds and Reptiles and Yarrell's British Birds and Fishes: so printed as to be available for Labels." The label consists of the English and Latin names and a reference to the volume and page of the excellent works above-mentioned.

## PREPARING FOR PUBLICATION.

*A History of Infusoria, Living and Fossil: arranged according to "Die Infusionsthierchen" of C. G. Ehrenberg.* By Andrew Pritchard, M.R.I.

*Microscopic Illustrations of Living Objects, with Researches concerning the Methods of Constructing Microscopes, and Instructions for using them. To which is added, a Supplement on the Verification of Microscopic Phenomena, and an Exact Method of Testing Microscopes.* By C. R. Goring, M.D. By Andrew Pritchard, M.R.I. Third Edition.

## PROCEEDINGS OF LEARNED SOCIETIES.

## ROYAL SOCIETY.

March 21, 1844.—"A description of certain Belemnites, preserved, with a great proportion of their soft parts, in the Oxford clay at Christian Malford, Wilts." By Richard Owen, Esq., F.R.S., &c.,